

Remarks

Preliminary Matters

Claims 2 and 9 have been cancelled. None has been added. No additional fees are required. If determined otherwise, the Office is authorized to charge Deposit Account No. 07-1077 for the amount.

Support for the amendments to Claims 1 and 8 comes from Page 21, Lines 19-22, Table 1, and Page 11, Lines 7-9.

Applicant thanks the Office for a very careful and comprehensive explanation of the reasons for the rejections. This Response directly advances prosecution by amendments to Claim 1 and Claim 8 to recite the combination of four chemicals to serve as the combination of nucleating agents exemplified as Examples 10 and 11, in comparison with Comparative Examples C3-C5. Other claims were amended for consistency.

Claim Objections

Claims 2 and 9 were objected to, for failure to further limit the subject matter from which they depend. Claims 2 and 9 have been cancelled. The pending claims now limit the nucleating agent combination to four chemicals, as exemplified in Examples 10 and 11.

§ 102 Rejections

The following rejections were made.

1. Claims 1-14 using JP 08-157659 (Ehata) via machine translation with support from U.S. Pat. No. 3,966,845 (Van Brederode et al.).
2. Claims 1-14 using JP 2000-095902 (Asuka) via machine translation with support from U.S. Pat. No. 3,966,845 (Van Brederode et al.).

Applicant now claims a specific combination of four different chemicals to serve as nucleating agents. The reason is the real-world proof of unexpected results appearing in Tables 4 and 5. The “Fast Molding Grade” of Examples 10 and 11,

relying on that combination of four nucleating agents, provides a 22% reduction in cycle time.

As mentioned previously, neither Ehata nor Asuka discloses a norbornane carboxylic acid salt or a nucleating talc. Also as mentioned previously, Ehata particularly shuns the use of talc, an inorganic material.

Van Brederode et al. concerns acrylic acid grafted polyolefins as nucleating agents for ungrafted polyolefins. So, Van Brederode et al. do not supply what both Ehata and Asuka lack.

For these reasons, Claims 1, 3-8, 10-14 are both novel and inventive over either of Ehata or Asuka in view of Van Brederode et al.

Applicant requests a Notice of Allowance for Claims 1, 3-8, 10-14, as amended. If there is any obstacle to a Notice of Allowance, please contact the undersigned. If a telephonic interview would assist the examination process, as recently suggested by Commissioner Doll, the undersigned is most willing to help arrange and participate in a telephonic interview.

Respectfully submitted by:

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Date

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